# Nano-H11

**Intel 14th Gen Core Ultra processor Mini Firewall PC**

Features:

◇ All aluminum alloy structure, fanless and efficient heat dissipation;

◇ 14th Gen Core Ultra processor;

◇ 8 Intel 2.5G Lan (1 Intel i226-LM supports vPro, 7 Intel i226-V)

◇ 1 HDMI+1 DP+1 Type-C , triple display;

◇ Support M.2 (NVME)+2.5-inch HDD/SSD+WIFI+4G;

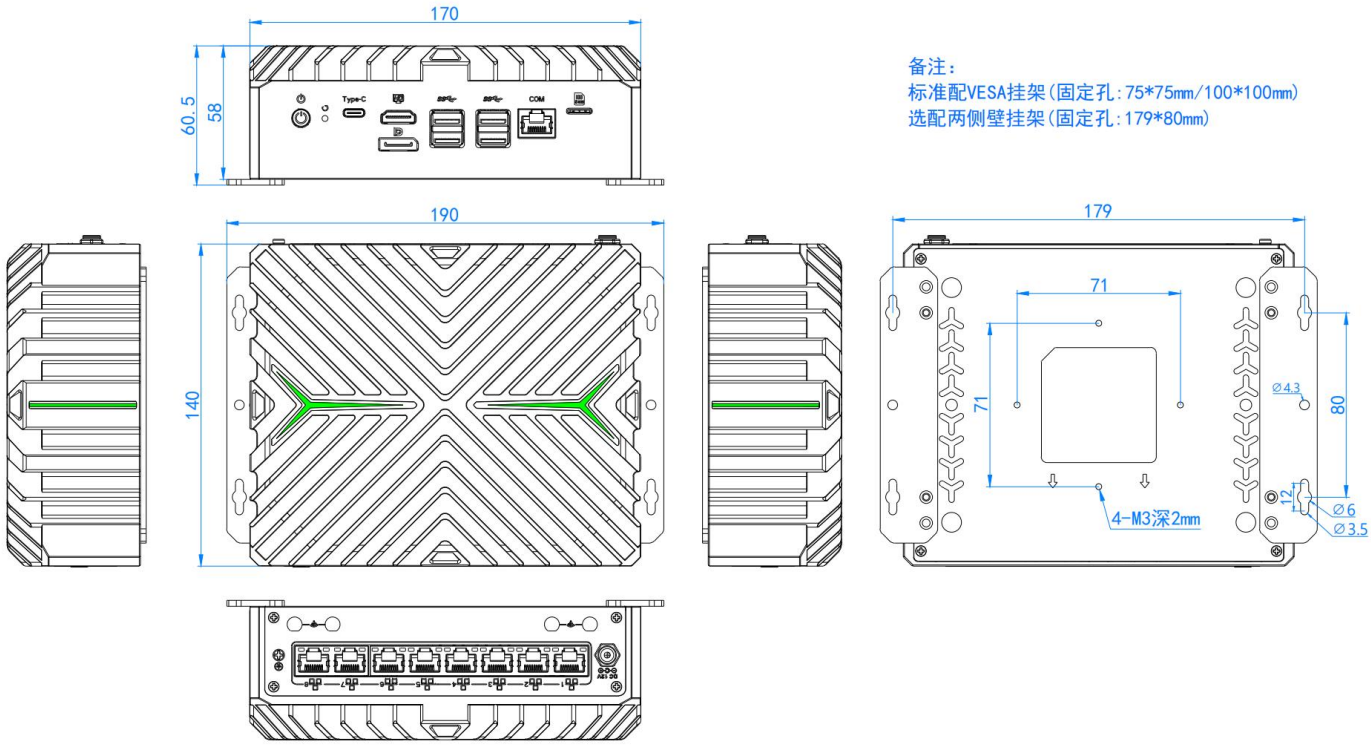
◇ Applicable system:

## Specification

| | |
|---|---|
| Model | Partaker Nano-H11 |
| Color | Metal gray (color can be customized freely) |
| Material | Aviation grade aluminum alloy |
| Processor | Onboard Intel Core Ultra 5 125U (12 core 14 threads, Max Turbo 4.3 GHz, 15W )<br>Onboard Intel Core Ultra 7 155U (12 core 14 threads, Max Turbo 4.8 GHz , 15W) |
| NPU | Intel AI Boost (Max Frequency 1.4GHz) |
| RAM | 2*DDR5 5600 SODIMM memory slot, Max 64 GB |
| BIOS | AMI EFI BIOS |
| Display Chip | Intel® Graphics |
| Display Port | 1 HDMI,1 DP, 1 Type-C, Resolution up to 4096x2160 @ 60Hz |
| Front I/O | 1 Power Button,1 Reset,1 Type-C (support DP/USB 3.2/PD 5V1A),<br>1 HD-M-I, 1 DP, 4 USB 3.2, 1 RJ45 COM (suppor Console),1 SIM Card Slot |
| Rear I/O | 1 DC , 8 Intel 2.5G Lan (1 Intel i226-LM support vPro, 7 Intel i226-V) |
| Expansion Slot | Support 1*M.2 2280 M-Key slot (NVME protocol, PCIE4.0 x4) |
| | Support 1*M.2 2230 E-key slot (PCIe&USB /CNVio2 ) |
| | Support 1*M.2 3052 (2242) B-key slot (USB 3.0 signal, supports 4G/5G), external SIM card slot |
| | **Expandable interface (not included in standard shipment):** 2 USB 2.0, 4*Pin GPIO |
| Network | 7*Intel i226-V 100/1000/2500M Ethernet<br>1*Intel i226-LM 100/1000/2500M Ethernet, support Intel vPro **(LAN1)** |
| Storage | Support 1*M.2 2280 slot, 1*2.5-inch HDD/SSD |
| Input Voltage | DC 12V input |
| Other Function | Power On, Timed Power On, Network Wake-Up, PXE, Watchdog (0-255 Levels), TPM 2.0 Secure Encryption |
| Work Temp | 0 ℃ - +40 ℃ (commercial HDD), -20 ℃ - +50 ℃ (industrial SSD), surface air flow |
| Work Humidity | 5% - 95% non condensing state |
| Certificates | CE, CCC, FCC Class A,RoHS |
| Dimension | 170 * 140 * 58 mm |
| Net Weight | 1.36 kg |

| Application | Firewall, VPN, Network Server, Network Security, Router, and etc. |
|---|---|

## Drawing




## Accessory

| Name | Quantity | Specification |
|---|---|---|
| Power Adapter | 1 | Intel® Core™ Ultra 5<br>Intel® Core™ Ultra 7<br>Suggestion 12V 10A |
| Power Cord | 1 | CN、US、UK、EU.etc |
| Qualified certificate | 1 | Partaker/Neutral |
| Warranty card | 1 | Partaker/Neutral |
| VESA Bracket | 1 | Standard |

## Order Information

| | | | |
|---|---|---|---|
| Configuration 1 | Nano-H11 | Intel® Core™ Ultra 5 125U | Standard Port |
| Configuration 2 | | Intel® Core™ Ultra 7 155U | Standard Port |